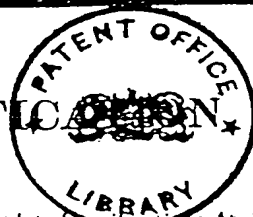




PATENT SPECIFICATION



FI 29003

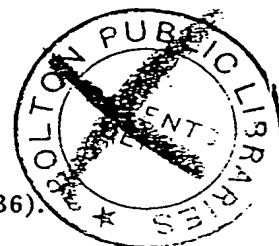
768.914

Date of Application and filing Complete Specification: April 25, 1955.

No. 11921/55.

Application made in Sweden on April 26, 1954.

Complete Specification Published: Feb. 20, 1957.



Index at acceptance:—Classes 18, A1G, A2B(8: X); and 94(1), C(15A: 19A: 24B2: 24B6).

International Classification:—B65d.

COMPLETE SPECIFICATION

Improvements in and relating to the Packaging of Articles

We, AB NORDISK SILKECELLULOSA, a joint stock company organised under the laws of Sweden, of 70, Hospitalsgatan, Norrköping, Sweden, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed to be particularly described in and by the following statement:—

The present invention refers to a protective package for dispensing objects packed according to the so-called unipack principle.

It is known to enclose small objects one after another according to the so-called "unipack" principle in such a way that the material that covers the objects forms a continuous strip or band. It is moreover known to enclose such a strip in a carton or box having an opening through which one end of the strip protrudes. When it is desired to remove an object from the carton a sufficient length of the strip is withdrawn from the carton so that the object enclosed in the strips will be located outside the carton. That portion of the strip outside the carton is torn off at the opening, which will leave an object between layers of covering material. In order to uncover or release this object it is necessary for the consumer to use both hands, which means that he must put down the carton. This is a disadvantage.

It has also been proposed to construct a box for storage of used and new razor blades in which the new blades are laid between the folds of a paper strip folded in zig zag manner, release of the blades being obtained by pulling the strip of paper through a slot in the end wall of the casing, each blade and the enclosing folds of paper being arranged in a plane parallel to the slot so that it can readily be drawn out through the slot and at the same time a transverse arch or bulge being formed in the paper along the fold line to push the blade forwards through the slot.

The invention is illustrated in the attached drawing, which shows a perspective view of a protective package in the form of a carton containing a strip provided with objects packed

according to the unipack principle.

Referring to the drawing, 1 is a box like (parallelopipedical) protective package or carton, one end 2, preferably the top end, of which constitutes a cover provided with a tuck-in flap 3. Over the top end 2 is a bridge piece 4, which is fastened to the cover 2 or to another part or parts of the carton in any appropriate way. The bridge is provided with a window opening 5. An opening 6 is arranged on a side wall of the packing through which a strip 9 or so called "unipack" of small objects 13 can be withdrawn. Small articles or objects to be dispensed are enclosed depressions formed between the folds of a strip or band 9, e.g. of paper, which is folded in such a way that a number of contiguously situated folds or pockets 15 fastened together along their edges are obtained. In each fold or pocket is a depression or storage space for an object 13. In case the objects should consist of powder quantities, it is appropriate to place one or more layers of stiffening material within each pocket. The strip 9 may be numbered or marked to correspond with the number of storage spaces 15.

The free end of the strip 9 is drawn from the inside of the carton cover through the opening slot 6 and from there through the passage provided between the top side 2 and the bridge 4. This passage constitutes a guiding device for the strip 9 while the upper edge of the opening 6 provides a knife edge which functions to break apart the folds of the band.

When it is desired to extract an object 13 from the protective packing, the free end of the band 9 is pulled and the uppermost pocket of the band will then be broken up when passing through the opening 6, due to the fact that the slot 6 is not wide enough to allow the fold with the object to pass through it. When the pocket is broken up the object contained in said pocket will be passed out to the right through the opening 6. In the position in which it is shown in the drawing an indicator marking 14 will be visible in the opening 5. Clearly by providing consecutive

[Price 3s. 0d.]

figures, the figure visible in the opening 5 will indicate the number of objects remaining in the packing.

- 5 It is obvious that several strips or bands, fastened to one another, may be arranged within the carton, so that a number of objects corresponding to the number of hands can be dispensed simultaneously. Moreover, several bands can be arranged in one and the same protective packing, each of which has a separate opening in the protective packing.

What we claim is:—

1. A protective package for objects e.g. in tablet form in which each object is confined individually in pockets or depressions, arranged single or in multiple rows one after the other, lengthwise of a strip or band, the strip or band being enclosed in a carton or the like having an opening through which the strip may be withdrawn and in which the pockets or depressions are formed between sections of the strip folded against one another, in which adjacent sides of each fold are secured to one another around each pocket or depression so that the space formed by the pocket is substantially enclosed, and in which

a guiding device is provided opposite the discharge opening so that on withdrawal of the strip its direction of movement is changed, one edge of the opening providing a knife edge to engage one side of a fold containing a pocket or row of pockets and which knife edge, due to the pull on the band, contributes to the breaking up of the pockets so that the objects are uncovered one by one or in multiples.

2. A protective package according to claim 1 in which the guiding device is provided by a passage formed between the outer surface of the protective cover and a bridge piece which is substantially parallel with the surface and fixed to the protective cover.

3. A protective package according to claim 2 in which an observation window opening is arranged in the bridge piece.

4. A package for objects e.g. in tablet form and arranged in pockets or depressions in a strip or band substantially as described with reference to the accompanying drawings.

CARPMAELS & RANSFORD,
Agents for Applicants,
24, Southampton Buildings,
Chancery Lane, London, W.C.2.

Leamington Spa: Printed for Her Majesty's Stationery Office, by the Courier Press.—1957.
Published at The Patent Office, 25, Southampton Buildings, London, W.C.2, from which
copies may be obtained.

768,914

COMPLETE SPECIFICATION

1 SHEET

This drawing is a reproduction of
the Original on a reduced scale.

